

# **Effectiveness of Locking a Stimulated Photon Echo in a Three-Level System, Depending on the Mutual Orientation of Standing Waves of Nonresonant Laser Pulses**

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## **Abstract**

We consider the effectiveness of locking the stimulated photon echo response in a three-level system, depending on the mutual orientation of external nonresonant electromagnetic standing waves. We show that the effect of locking the stimulated photon echo response depends on the "non-equidistance" parameter for the spectrum of the system. © 2014 Springer Science+Business Media New York.

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## **Keywords**

information "locking," nonresonant electromagnetic standing waves, stimulated photon echo, three-level system